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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant: | Holland, Andrew | Examiner: | Unassigned |
| Serial No.: | 10/583,525 / | Group Art Unit: | Unassigned |
| Confirmation No: | Unassigned | Docket: | 1662-2 |
| Filing Date: | June 16, 2006 | Dated: | July 18, 2006 |
| Title: | SEMICONDUCTOR PACKAGE WITH INTEGRATED HEATSINK AND ELECTROMAGNETIC SHIELD | | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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On: 7/18/2006*

By: _____

Judith Post
Judith Post

INFORMATION DISCLOSURE STATEMENT

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicant(s) submit(s) herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

Listed below or on an attached Form PTO-1449 and/or a copy of a PTO-892 form is information known to applicant(s). A copy of each listed publication, U.S. patent, foreign patent and U.S. patent application is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98, *except that* U.S. applications from which priority is claimed under 35 U.S.C. §120, and documents cited in such priority applications, may have been omitted by applicant(s) from the enclosures pursuant to 37

C.F.R. §1.98(d). This submission of copies of U.S. applications by applicant(s) does not constitute a waiver of the confidentiality of such applications. As such, it is requested that any copies of unpublished U.S. applications submitted herewith be **excluded** from the file wrapper pursuant to 37 C.F.R. §1.14.

It is respectfully requested by the applicant(s) that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 or PTO-892 from a prior application is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56.

Applications that are listed on the accompanying modified form 1449 as related by priority are related by priority claim under 35 U.S.C. §120. Pursuant to 37 C.F.R. §1.98(d), no copies of cited art in a previous application(s) to which priority was claimed need be submitted. Copies of the 1449 and/or 892 forms from these cases are being submitted by the applicant(s).

☒ I. This statement qualifies as a no-fee Information Disclosure Statement under 37 C.F.R. §1.97(b) or otherwise because, to the knowledge of the undersigned attorney, it is being filed (check all that apply):

- ☒ (1) within 3 months of the filing date of the application (other than a CPA); or
- ☒ (2) within 3 months of entry of the national stage; or
- ☒ (3) before the mailing of a first Office Action on the merits;

- ☐ (4) before the mailing of a first Office Action after the filing of a request for continued examination (RCE) under §1.114;
- ☐ (5) as part of a continued prosecution application (CPA); or
- ☐ (6) during the period of a suspension of action for a CPA under 37 C.F.R.

§1.103(b).

- ☐ II. This statement is believed to require a fee or the submission of a certification under 37 C.F.R. §1.97 (c) or otherwise. If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application (other than CPA); (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing of a first Office Action on the merits; (4) the mailing of a first Office Action after the filing of a request for continued examination under §1.114; or (5) after the filing of a request for a continued prosecution application, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311 or an action that otherwise closes prosecution in the application, then:

- ☐ (1) a certification as specified in §1.97(e) is provided below; or
- ☐ (2) a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

- ☐ III. 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under § 1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

- ☐ (1) a certification as specified in §1.97(e) is completed below; and
- ☐ (2) a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with payment of other papers filed together with this statement.

☒ IV. Fee Authorization. If any fee is due for consideration of this Information Disclosure Statement and full payment has not been submitted herewith, regardless of which boxes have been checked above, the Commissioner is hereby authorized to charge any additional fees associated with this communication to Deposit Account No. 08-2461. The Commissioner is hereby authorized to credit any overpayment associated with this communication to Deposit Account No. 08-2461.

Certification under §1.97(e) (If paragraph II.(1) or III is checked, also check one of the paragraphs below):

- ☐ I hereby certify, under 37 C.F.R. §1.97(e)(1), that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the date of the filing of this information disclosure statement.
- ☐ I hereby certify, under 37 C.F.R. §1.97(e)(2), that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

For the purpose of this certification, Applicant considers the PCT International Search Authority to constitute a foreign patent office.

If this Information Disclosure Statement has been submitted without the appropriate box checked, Applicant requests that this Information Disclosure Statement be considered nevertheless if it is timely submitted under any of the provisions of 37 C.F.R. §1.97 or otherwise. Further, the Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or any other future communication hereto, or credit any overpayment, to Deposit Account No. 08-2461. Such authorization includes authorization to charge fees for extensions of time, if any, under 37 C.F.R. §1.17 and also should be treated as a constructive petition for an extension of time in this reply or any future reply pursuant to 37 C.F.R. §1.136.

Finally, if any petition is necessary to ensure consideration of this Information Disclosure Statement, Applicant requests that this be treated as such a petition.

Applicant encloses herewith a copy of the International Preliminary Report issued by the International Bureau on June 29, 2006. The references cited herein have already been cited in a previous Information Disclosure Statement dated June 16, 2006. The report itself is enclosed for the convenience of the Examiner.

If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
1662-2 PCT/US

SERIAL NO.
10/583,525



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Andrew Holland

CONFIRMATION NO.
Unassigned

FILING DATE
June 16, 2006

GROUP
Unassigned

U.S. PATENT PUBLICATIONS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|--|--------------------|------|------|-------|--------------|-------------------------------|
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|--|--------------------|------|------|-------|--------------|-------------------------------|
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|---------------------|--|--------------------|------|---------|-------|--------------|-------------|----|
| | | | | | | | YES | NO |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--|--|--|---|--|--|--|--|
| | | | PCT Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (Chapter I of the Patent Cooperation Treaty) for International Application No. PCT/GB2004/005217, June 29, 2006 (7 pages). | | | | |
|--|--|--|---|--|--|--|--|

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.